

**Abstract**

5     The invention relates to a process for obtaining  
chemical active ingredients which are suitable for  
treating infectious diseases caused by unicellular or  
multicellular parasites. With this process proteins  
which are involved in the 1-desoxy-D-xylulose-5-  
10    phosphate metabolic pathway, or similarly acting  
derivatives thereof are brought into contact with the  
active ingredients to be investigated for their activity  
with respect to parasites, and the active ingredients  
which inhibit the proteins or their derivatives are  
15    selected. The invention also relates to the active  
ingredients discovered for producing pharmaceutical  
compositions against parasitic infections.